67. (New) The aqueous sol according to claim 66, wherein the sol has a molar ratio of SiO_2 to M_2O, where M is alkali metal or ammonium, within the range of from 15:1 to 40:1.

68. (New) The aqueous sol according to claim 66, wherein the sol has an S-value within the range of from 25 to 35%.

a3

69. (New) An aqueous sol containing silica-based particles, wherein the sol has a specific surface area of at least 115 m^2/g aqueous sol and an S-value within the range of from 10 to 45%.

70. (New) The aqueous sol according to claim 69, wherein the sol has a molar ratio of SiO_2 to M_2O, where M is alkali metal or ammonium, within the range of from 15:1 to 40:1.

71. (New) The aqueous sol according to claim 69, wherein the silica-based particles have a specific surface area of at least 550 m^2/g SiO_2.

72. (New) An aqueous silica-based sol having:
(a) a specific surface area of at least 115 m^2/g aqueous sol;
(b) an S-value within the range of from 10 to 45%; and
(c) a molar ratio of SiO_2 to M_2O, where M is alkali metal or ammonium, within the range of from 15:1 to 40:1;
and containing
(d) silica-based particles which have a specific surface area of at least 550 and less than 1000 m^2/g SiO_2.

IN THE ABSTRACT:

Please add the following abstract on a separate page following the claims:

Abstract of the Disclosure

a4